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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/816,259	03/31/2004 Mukul P. Renavikar		42P19022	9845	
8791	7590 03/17/2006		EXAMINER		
BLAKELY SOKOLOFF TAYLOR & ZAFMAN 12400 WILSHIRE BOULEVARD SEVENTH FLOOR LOS ANGELES, CA 90025-1030			LE, DUNG ANH		
			ART UNIT	PAPER NUMBER	
			2818		

DATE MAILED: 03/17/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application	No	Applicant(s)	_			
Office Action Summary		Application		Applicant(s)				
		10/816,259		RENAVIKAR ET AL.				
		Examiner		Art Unit				
		DUNG A. LE		2818				
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply								
THE I - Exter after - If the - If NC - Failu Any	ORTENED STATUTORY PERIOD FOR REPLY MAILING DATE OF THIS COMMUNICATION. nsions of time may be available under the provisions of 37 CFR 1.13 SIX (6) MONTHS from the mailing date of this communication. It is period for reply specified above is less than thirty (30) days, a reply operiod for reply is specified above, the maximum statutory period were to reply within the set or extended period for reply will, by statute, reply received by the Office later than three months after the mailing ed patent term adjustment. See 37 CFR 1.704(b).	36(a). In no even y within the statuto will apply and will a cause the applic	t, however, may a reply be time ory minimum of thirty (30) days expire SIX (6) MONTHS from ation to become ABANDONE	ely filed s will be considered timely. the mailing date of this communication. D (35 U.S.C. § 133).				
Status								
1)[2]	Responsive to communication(s) filed on 12/1/05.							
2a) <u></u> □	This action is FINAL . 2b)⊠ This action is non-final.							
3)□	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.							
Disposit	ion of Claims							
5)□ 6)⊠ 7)□ 8)□	 4) Claim(s) 1-46 is/are pending in the application. 4a) Of the above claim(s) 15-28 and 38-46 is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) 1-14 and 29-37 is/are rejected. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement. 							
• •	ion Papers							
10)⊠	The specification is objected to by the Examine The drawing(s) filed on 31 March 2004 is/are: Applicant may not request that any objection to the Replacement drawing sheet(s) including the correct The oath or declaration is objected to by the Examine Theorem 1 is objected to by the Examine Theorem 2 is a specific to be seen to be seen that the correct that are the seen that the	a)⊠ accept drawing(s) be tion is require	e held in abeyance. Se d if the drawing(s) is ob	e 37 CFR 1.85(a). jected to. See 37 CFR 1.121(d).				
Priority	under 35 U.S.C. § 119							
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 								
2) Not 3) Info	nt(s) ice of References Cited (PTO-892) ice of Draftsperson's Patent Drawing Review (PTO-948) irmation Disclosure Statement(s) (PTO-1449 or PTO/SB/08 ier No(s)/Mail Date	3)	4) Interview Summar Paper No(s)/Mail D 5) Notice of Informal 6) Other:					

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In light of communication on 12/1/2005, the previous Office action is withdrawn.

This is new ground of rejection.

Claim Rejections

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. See *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and, *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent is shown to be commonly owned with this application. See 37 CFR 1.130(b).

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

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Claims 1- 14 are rejected under the judicially created doctrine of obviousnesstype double patenting as being unpatentable over claim 5 of Patent 6,756,620 B2.

Although the conflicting claims are not identical, they are not patentably distinct from
each other because it would have been obvious to one of ordinary skill in the art at the
time of the invention was made to form a first metal electrode layer; a metal nitride
layer; a polymer ferroelectric layer; a metal oxide layer; and a second metal electrode
layer; wherein the metal nitride and metal oxide layers contain excess holes to
recombine with electrons injected from the first and second metal electrode layers by
introducing a first aluminum or copper electrode; a first refractory metal
nitride or oxide protective film; a ferroelectric polymer structure; a second
refractory metal nitride or oxide protective film; and a second aluminum or
copper electrode in order to define inventive Polymer Memory Device with Electron
Traps.

Claims 29- 37 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claim 5 of Patent 6,756,620 B2.

Although the conflicting claims are not identical, they are not patentably distinct from each other because it would have been obvious to one of ordinary skill in the art at the time of the invention was made to form a metal nitride layer; a polymer ferroelectric layer; a metal oxide layer; wherein the metal nitride and metal oxide layers include a plurality of electrons traps by introducing a first refractory metal nitride or oxide

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protective film; a ferroelectric polymer structure; and a second refractory metal nitride or oxide protective film *in order to* define inventive Polymer Memory Device with Electron Traps.

When responding to the office action, Applicants' are advice to provide the examiner with the line numbers and page numbers in the application and/or references cited to assist the examiner to locate the appropriate paragraphs.

A shortened statutory period for response to this action is set to expire 3 (three) months and 0 (zero) day from the day of this letter. Failure to respond within the period for response will cause the application to become abandoned (see M.P.E.P 710.02(b)).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dung A. Le whose telephone number is (571) 272-1784. The examiner can normally be reached on Monday-Tuesday and Thursday 6:00am- 4:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Nelms can be reached on (571) 272-1787. The central fax phone numbers for the organization where this application or proceeding is assigned are (571)272-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DUNG A. LE Primary Examiner Art Unit 2818